

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1026695

Luminaire Tested: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026695
REPORT IS A COMBINATION OF REPORTS P1001289 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

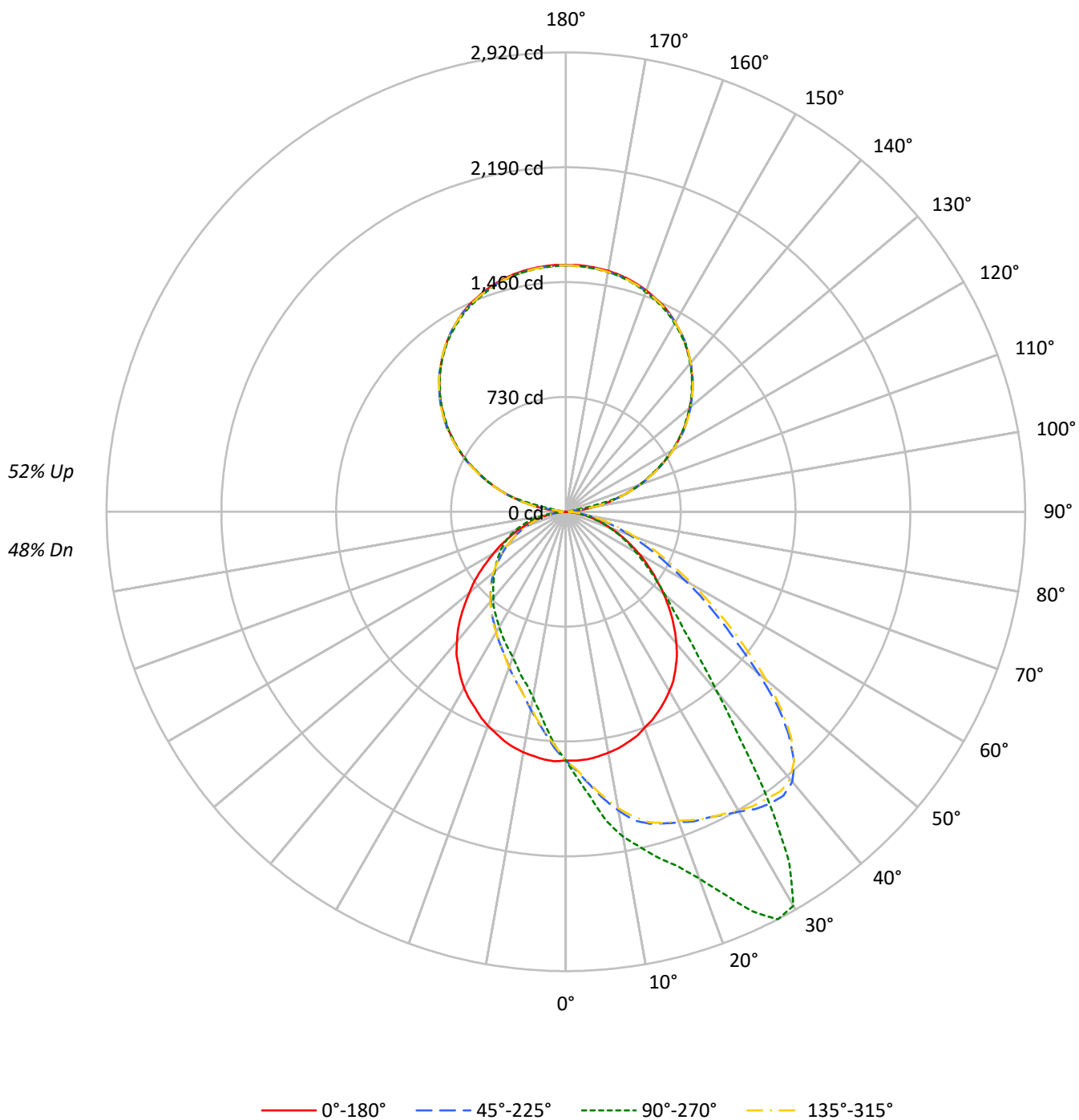
Lumens per Lamp: N/A
Luminaire Lumens: 9276.0 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	82	76	71	82	75	70	66	64	60	57	53	50	48	43	41	39	35	35	35
3	81	72	65	59	75	67	60	55	56	52	48	47	43	41	38	36	34	30	30	30
4	74	64	56	50	68	59	52	47	50	45	41	42	38	35	34	31	29	25	25	25
5	68	57	49	43	63	53	46	40	45	39	35	38	34	30	31	28	25	22	22	22
6	63	51	43	37	58	47	40	35	40	35	31	34	30	27	28	25	22	20	20	20
7	58	46	38	33	53	43	36	31	37	31	27	31	27	24	26	22	20	17	17	17
8	54	42	34	29	50	39	32	27	33	28	24	28	24	21	23	20	18	15	15	15
9	50	38	31	26	46	36	29	24	31	25	22	26	22	19	22	18	16	14	14	14
10	47	35	28	23	43	33	26	22	28	23	19	24	20	17	20	17	15	13	13	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10129	10129	10129	10129
5°	10136	11491	10145	8717
10°	10075	13096	10057	7483
15°	10001	14200	9939	6761
20°	9874	15561	9784	6172
25°	9762	17830	9584	5823
30°	9601	18810	9435	5508
35°	9347	15079	9151	5254
40°	8949	10422	8817	4986
45°	8447	7759	8352	4764
50°	7872	6387	7741	4585
55°	7251	5448	7194	4430
60°	6642	4663	6527	4310
65°	5986	4027	5889	4135
70°	5292	3343	5222	3830
75°	4558	2586	4497	3324
80°	3600	1749	3471	2444
85°	2304	875	2224	1246

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15471 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	1.6
10°-20°	453.2	4.9
20°-30°	736.1	7.9
30°-40°	899.7	9.7
40°-50°	816.1	8.8
50°-60°	650.0	7.0
60°-70°	452.7	4.9
70°-80°	241.2	2.6
80°-90°	62.1	0.7
90°-100°	53.2	0.6
100°-110°	353.6	3.8
110°-120°	636.8	6.9
120°-130°	817.3	8.8
130°-140°	879.0	9.5
140°-150°	825.0	8.9
150°-160°	667.3	7.2
160°-170°	431.6	4.7
170°-180°	148.8	1.6
0°-30°	1341.5	14.5
0°-40°	2241.2	24.2
0°-60°	3707.3	40.0
0°-90°	4463.3	48.1
90°-120°	1043.5	11.2
90°-150°	3564.9	38.4
90°-180°	4813.0	51.9
0°-180°	9276.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1581	1581	1581	1581	1581	
5°	1580	1824	1581	1384	1580	150
15°	1518	2277	1508	1084	1518	428
25°	1397	2802	1372	915	1397	643
35°	1216	2249	1190	784	1216	759
45°	956	1060	945	651	956	736
55°	672	654	667	531	672	601
65°	416	401	409	412	416	413
75°	201	197	199	254	201	214
85°	40	44	39	63	40	48
90°	1	28	1	28	1	6
95°	66	24	66	24	66	81
105°	342	345	342	345	342	362
115°	641	636	641	636	641	636
125°	912	912	912	912	912	814
135°	1137	1132	1137	1132	1137	877
145°	1318	1315	1318	1315	1318	824
155°	1452	1441	1452	1441	1452	669
165°	1532	1524	1532	1524	1532	433
175°	1567	1560	1567	1560	1567	149
180°	1567	1567	1567	1567	1567	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1583.6	1593.0	1603.7	1611.7	1625.2	1629.2	1635.9	1639.9	1643.9	1648.0	1650.7
5°	1579.5	1602.3	1622.5	1637.2	1662.7	1672.1	1684.2	1699.0	1716.4	1731.2	1740.6
7.5°	1568.8	1605.0	1631.9	1661.4	1696.3	1719.1	1731.2	1762.0	1790.2	1811.7	1839.9
10°	1555.4	1598.3	1639.9	1684.2	1733.9	1759.4	1783.5	1826.5	1865.4	1900.3	1928.5
12.5°	1540.6	1593.0	1642.6	1700.3	1767.4	1798.3	1814.4	1888.2	1936.5	1955.3	2010.3
15°	1517.8	1579.5	1650.7	1721.8	1778.1	1814.4	1858.7	1917.7	1966.0	2007.6	2051.9
17.5°	1496.3	1563.4	1635.9	1715.1	1796.9	1843.9	1877.5	1929.8	1982.1	2035.8	2077.4
20°	1461.4	1548.7	1622.5	1707.0	1803.6	1837.2	1872.1	1933.8	1990.2	2047.9	2100.2
22.5°	1433.3	1516.5	1617.1	1697.6	1779.5	1813.0	1856.0	1920.4	1987.5	2053.3	2129.8
25°	1397.0	1489.6	1576.8	1662.7	1747.3	1783.5	1822.4	1905.6	1975.4	2060.0	2144.5
27.5°	1358.1	1453.4	1540.6	1618.5	1697.6	1747.3	1788.9	1876.1	1968.7	2061.3	2171.4
30°	1316.5	1406.4	1489.6	1566.1	1653.3	1704.3	1745.9	1847.9	1951.3	2069.4	2200.9
32.5°	1272.2	1356.8	1427.9	1505.7	1598.3	1645.3	1701.7	1813.0	1935.2	2076.1	2241.1
35°	1215.9	1296.4	1359.4	1438.6	1531.2	1591.6	1650.7	1775.5	1917.7	2074.7	2264.0
37.5°	1159.5	1222.6	1283.0	1367.5	1474.9	1529.9	1591.6	1728.5	1890.9	2070.7	2273.3
40°	1092.4	1154.1	1206.5	1292.3	1405.1	1468.1	1532.6	1676.2	1860.0	2055.9	2239.8
42.5°	1025.3	1077.6	1135.3	1225.2	1333.9	1401.0	1469.5	1629.2	1819.8	2013.0	2147.2
45°	955.5	995.8	1058.8	1140.7	1256.1	1320.5	1398.4	1571.5	1763.4	1935.2	2002.3
47.5°	883.0	923.3	982.3	1061.5	1175.6	1252.1	1325.9	1499.0	1692.3	1825.1	1825.1
50°	813.3	845.5	903.2	982.3	1097.8	1167.5	1242.7	1426.5	1582.2	1680.2	1593.0
52.5°	738.1	774.3	822.6	905.8	1019.9	1083.0	1164.9	1321.9	1469.5	1509.7	1375.5
55°	672.3	701.9	747.5	826.7	932.7	998.4	1068.2	1218.5	1343.3	1340.7	1197.1
57.5°	603.9	628.1	676.4	748.8	846.8	905.8	975.6	1105.8	1207.8	1171.6	1036.0
60°	540.8	558.3	605.2	664.3	758.2	813.3	880.4	986.4	1064.2	1013.2	876.3
62.5°	475.1	495.2	532.8	590.5	673.7	718.0	767.6	875.0	924.6	879.0	739.4
65°	416.0	432.1	465.7	514.0	589.1	629.4	672.3	760.9	807.9	742.1	626.7
67.5°	357.0	375.8	399.9	442.9	501.9	539.5	577.1	653.6	675.0	616.0	519.4
70°	301.9	318.1	340.9	371.7	421.4	454.9	483.1	546.2	561.0	505.9	429.4
72.5°	248.3	259.0	277.8	303.3	348.9	367.7	397.2	440.2	459.0	409.3	354.3
75°	201.3	209.4	221.4	240.2	271.1	291.2	315.4	355.6	354.3	319.4	280.5
77.5°	155.7	157.0	170.4	187.9	206.7	224.1	236.2	264.4	267.1	245.6	213.4
80°	111.4	115.4	120.8	134.2	150.3	157.0	171.8	189.2	191.9	175.8	154.3
82.5°	71.1	73.8	77.8	85.9	96.6	104.7	112.7	119.4	126.1	116.8	99.3
85°	40.3	41.6	45.6	48.3	53.7	57.7	64.4	71.1	69.8	63.1	57.7
87.5°	20.1	20.1	20.1	22.8	25.5	25.5	28.2	29.5	30.9	28.2	25.5
90°	1.2	3.3	5.3	7.4	9.5	10.5	11.4	13.2	15.0	16.8	18.6
92.5°	22.1	19.8	17.4	15.1	12.8	11.6	12.4	13.9	15.5	17.0	18.6
95°	66.2	65.4	64.6	63.9	63.1	62.7	57.8	48.0	38.2	28.4	18.6
97.5°	124.3	125.8	127.4	128.9	130.4	131.2	118.9	94.4	69.9	45.4	20.9
100°	194.0	194.8	195.5	196.3	197.0	197.4	197.9	199.0	200.0	201.1	202.1
102.5°	264.8	265.8	266.8	267.9	268.9	269.4	269.7	270.2	270.7	271.3	271.8
105°	341.5	342.5	343.5	344.6	345.6	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	420.4	420.4	420.4	420.4	420.4	420.4	420.7	421.2	421.7	422.3	422.8
110°	497.1	497.1	497.1	497.1	497.1	497.1	497.4	497.9	498.4	498.9	499.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	569.1	569.9	570.7	571.4	572.2	572.6	572.7	573.0	573.2	573.5	573.7
115°	641.1	642.4	643.7	645.0	646.3	646.9	647.0	647.3	647.6	647.8	648.1
117.5°	716.6	716.6	716.6	716.6	716.6	716.6	717.1	718.1	719.2	720.2	721.2
120°	786.3	786.0	785.8	785.5	785.2	785.1	785.5	786.3	787.0	787.8	788.6
122.5°	847.8	849.1	850.4	851.7	853.0	853.6	853.7	854.0	854.3	854.5	854.8
125°	911.7	913.5	915.3	917.1	918.9	919.8	919.8	919.8	919.8	919.8	919.8
127.5°	973.3	974.6	975.9	977.2	978.5	979.1	979.0	978.7	978.4	978.2	977.9
130°	1029.0	1030.3	1031.6	1032.9	1034.2	1034.8	1034.9	1035.2	1035.5	1035.7	1036.0
132.5°	1084.8	1086.3	1087.9	1089.4	1090.9	1091.7	1091.3	1090.5	1089.8	1089.0	1088.2
135°	1137.0	1138.6	1140.1	1141.7	1143.2	1144.0	1143.7	1143.2	1142.7	1142.2	1141.7
137.5°	1185.8	1187.4	1188.9	1190.5	1192.0	1192.8	1192.5	1192.0	1191.5	1190.9	1190.4
140°	1233.4	1233.9	1234.4	1234.9	1235.4	1235.7	1235.6	1235.3	1235.1	1234.8	1234.6
142.5°	1276.4	1276.6	1276.9	1277.1	1277.4	1277.5	1277.8	1278.3	1278.8	1279.4	1279.9
145°	1318.2	1318.7	1319.2	1319.7	1320.2	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5
147.5°	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.5	1355.8	1356.0	1356.3	1356.5
150°	1390.2	1389.7	1389.2	1388.7	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2
152.5°	1423.9	1422.6	1421.3	1420.0	1418.7	1418.1	1418.4	1418.9	1419.4	1419.9	1420.4
155°	1451.8	1450.2	1448.7	1447.1	1445.6	1444.8	1445.1	1445.6	1446.1	1446.6	1447.1
157.5°	1473.8	1473.0	1472.2	1471.5	1470.7	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3
160°	1497.0	1495.5	1493.9	1492.4	1490.9	1490.1	1490.2	1490.5	1490.7	1491.0	1491.2
162.5°	1515.6	1514.1	1512.5	1511.0	1509.5	1508.7	1508.8	1509.1	1509.3	1509.6	1509.8
165°	1531.9	1530.3	1528.8	1527.2	1525.7	1524.9	1525.0	1525.3	1525.6	1525.8	1526.1
167.5°	1544.7	1543.1	1541.6	1540.0	1538.5	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9
170°	1555.1	1553.3	1551.5	1549.7	1547.9	1547.0	1547.1	1547.4	1547.7	1547.9	1548.2
172.5°	1562.1	1560.3	1558.5	1556.7	1554.9	1554.0	1554.3	1554.8	1555.3	1555.8	1556.3
175°	1566.7	1565.2	1563.6	1562.1	1560.6	1559.8	1559.9	1560.2	1560.4	1560.7	1560.9
177.5°	1570.2	1568.6	1567.1	1565.5	1564.0	1563.2	1563.3	1563.6	1563.9	1564.1	1564.4
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1653.3	1662.7	1670.8	1677.5	1682.9	1690.9	1685.6	1686.9	1689.6	1694.9	1694.9
5°	1760.7	1775.5	1783.5	1810.4	1817.1	1815.7	1811.7	1833.2	1831.8	1823.8	1822.4
7.5°	1865.4	1890.9	1913.7	1935.2	1941.9	1959.3	1963.3	1972.7	1970.1	1983.5	1976.8
10°	1960.7	2000.9	2022.4	2054.6	2062.7	2070.7	2081.4	2086.8	2098.9	2097.5	2097.5
12.5°	2034.5	2082.8	2111.0	2119.0	2149.9	2159.3	2168.7	2186.1	2182.1	2183.4	2191.5
15°	2092.2	2139.1	2163.3	2200.9	2222.4	2233.1	2249.2	2268.0	2265.3	2277.4	2274.7
17.5°	2135.1	2179.4	2223.7	2280.1	2281.4	2309.6	2347.2	2355.2	2372.7	2360.6	2360.6
20°	2170.0	2229.1	2292.1	2364.6	2372.7	2390.1	2435.7	2466.6	2486.7	2480.0	2484.0
22.5°	2207.6	2292.1	2365.9	2438.4	2477.3	2508.2	2552.5	2600.8	2618.2	2629.0	2626.3
25°	2255.9	2344.5	2453.2	2553.8	2594.1	2653.1	2712.2	2759.1	2772.6	2802.1	2775.3
27.5°	2305.6	2430.4	2565.9	2684.0	2735.0	2783.3	2854.4	2889.3	2906.8	2920.2	2910.8
30°	2347.2	2518.9	2666.6	2775.3	2811.5	2839.7	2879.9	2888.0	2881.3	2892.0	2905.4
32.5°	2411.6	2579.3	2704.1	2756.5	2752.4	2751.1	2720.2	2677.3	2667.9	2642.4	2677.3
35°	2446.5	2580.7	2629.0	2559.2	2531.0	2480.0	2382.0	2317.6	2261.3	2249.2	2251.9
37.5°	2426.3	2478.7	2421.0	2237.1	2191.5	2113.6	1983.5	1892.2	1850.6	1818.4	1860.0
40°	2317.6	2259.9	2101.6	1877.5	1811.7	1737.9	1615.8	1566.1	1507.1	1495.0	1550.0
42.5°	2137.8	1962.0	1737.9	1564.8	1496.3	1454.7	1352.7	1305.8	1264.2	1245.4	1276.2
45°	1893.6	1680.2	1454.7	1312.5	1254.8	1205.1	1144.7	1095.1	1068.2	1060.2	1085.7
47.5°	1641.3	1415.8	1236.0	1130.0	1069.6	1032.0	975.6	947.5	926.0	928.7	932.7
50°	1399.7	1194.4	1056.2	950.1	920.6	891.1	853.5	829.4	818.6	822.6	820.0
52.5°	1191.7	1025.3	908.5	826.7	813.3	785.1	754.2	734.1	730.0	731.4	735.4
55°	1009.2	879.0	786.4	727.4	712.6	692.5	673.7	660.3	649.5	653.6	652.2
57.5°	871.0	756.9	685.8	637.4	626.7	614.6	597.2	590.5	586.5	578.4	585.1
60°	748.8	656.2	594.5	565.0	555.6	547.5	528.7	520.7	518.0	514.0	524.7
62.5°	633.4	567.7	520.7	493.9	484.5	476.4	467.0	460.3	461.6	456.3	461.6
65°	542.2	488.5	454.9	430.8	418.7	413.3	412.0	401.3	399.9	401.3	402.6
67.5°	457.6	412.0	386.5	371.7	362.3	357.0	352.9	346.2	351.6	347.6	350.3
70°	381.1	350.3	323.4	308.7	304.6	306.0	299.3	296.6	297.9	295.2	297.9
72.5°	307.3	281.8	271.1	260.3	255.0	253.6	249.6	245.6	249.6	248.3	248.3
75°	245.6	226.8	214.7	208.0	208.0	205.3	198.6	198.6	198.6	197.3	198.6
77.5°	189.2	173.1	167.7	161.0	161.0	157.0	155.7	155.7	153.0	157.0	154.3
80°	140.9	128.8	120.8	116.8	116.8	115.4	112.7	111.4	112.7	111.4	111.4
82.5°	91.3	85.9	81.9	77.8	76.5	77.8	76.5	73.8	75.2	73.8	76.5
85°	52.3	47.0	47.0	44.3	45.6	42.9	44.3	41.6	40.3	44.3	41.6
87.5°	22.8	21.5	21.5	18.8	18.8	18.8	17.4	18.8	17.4	16.1	17.4
90°	19.9	21.2	22.5	23.8	24.4	24.8	25.6	26.3	27.1	27.9	27.1
92.5°	19.9	21.2	22.5	23.8	24.4	24.5	24.8	25.1	25.3	25.6	25.3
95°	19.9	21.2	22.5	23.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4
97.5°	21.4	21.9	22.4	22.9	23.2	23.3	23.6	23.9	24.1	24.4	24.1
100°	163.6	125.2	86.7	48.2	29.0	28.5	27.5	26.4	25.4	24.4	25.4
102.5°	272.3	272.8	273.3	273.8	274.1	263.3	241.6	219.9	198.2	176.5	198.2
105°	346.1	346.1	346.1	346.1	346.1	346.0	345.7	345.4	345.2	344.9	345.2
107.5°	423.0	423.3	423.5	423.8	423.9	423.4	422.4	421.3	420.3	419.3	420.3
110°	498.6	497.8	497.1	496.3	495.9	496.0	496.3	496.6	496.8	497.1	496.8

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	572.7	571.7	570.6	569.6	569.1	568.8	568.3	567.8	567.3	566.8	567.3
115°	647.1	646.0	645.0	643.9	643.4	642.6	641.1	639.5	638.0	636.4	638.0
117.5°	719.7	718.1	716.6	715.1	714.3	714.0	713.5	713.0	712.4	711.9	712.4
120°	788.1	787.6	787.1	786.6	786.3	785.7	784.4	783.1	781.8	780.5	781.8
122.5°	854.3	853.8	853.3	852.8	852.5	851.7	850.2	848.6	847.1	845.5	847.1
125°	918.8	917.8	916.7	915.7	915.2	914.8	914.0	913.3	912.5	911.7	912.5
127.5°	977.4	976.9	976.4	975.9	975.6	974.6	972.5	970.4	968.4	966.3	968.4
130°	1035.2	1034.4	1033.7	1032.9	1032.5	1031.9	1030.6	1029.3	1028.0	1026.7	1028.0
132.5°	1088.2	1088.2	1088.2	1088.2	1088.2	1087.6	1086.3	1085.0	1083.7	1082.4	1083.7
135°	1141.2	1140.6	1140.1	1139.6	1139.3	1138.5	1137.0	1135.5	1133.9	1132.4	1133.9
137.5°	1190.4	1190.4	1190.4	1190.4	1190.4	1189.8	1188.5	1187.2	1185.9	1184.6	1185.9
140°	1235.1	1235.6	1236.1	1236.6	1236.9	1236.1	1234.6	1233.0	1231.5	1229.9	1231.5
142.5°	1279.9	1279.9	1279.9	1279.9	1279.9	1279.1	1277.6	1276.0	1274.5	1272.9	1274.5
145°	1320.8	1321.0	1321.3	1321.6	1321.7	1320.9	1319.4	1317.8	1316.3	1314.7	1316.3
147.5°	1356.8	1357.0	1357.3	1357.6	1357.7	1356.8	1355.0	1353.2	1351.4	1349.6	1351.4
150°	1390.7	1391.2	1391.7	1392.2	1392.5	1391.5	1389.4	1387.3	1385.3	1383.2	1385.3
152.5°	1420.9	1421.4	1421.9	1422.4	1422.7	1421.8	1420.0	1418.2	1416.4	1414.6	1416.4
155°	1447.9	1448.7	1449.4	1450.2	1450.6	1449.6	1447.5	1445.4	1443.4	1441.3	1443.4
157.5°	1471.1	1471.9	1472.6	1473.4	1473.8	1472.8	1470.7	1468.6	1466.6	1464.5	1466.6
160°	1492.2	1493.3	1494.3	1495.4	1495.9	1494.9	1492.8	1490.7	1488.7	1486.6	1488.7
162.5°	1511.4	1512.9	1514.5	1516.0	1516.8	1515.6	1513.3	1511.0	1508.6	1506.3	1508.6
165°	1527.7	1529.2	1530.8	1532.3	1533.1	1532.1	1530.0	1527.9	1525.9	1523.8	1525.9
167.5°	1540.7	1542.5	1544.3	1546.1	1547.0	1545.8	1543.5	1541.2	1538.8	1536.5	1538.8
170°	1550.2	1552.3	1554.3	1556.4	1557.4	1556.2	1553.9	1551.6	1549.3	1547.0	1549.3
172.5°	1558.1	1559.9	1561.7	1563.5	1564.4	1563.2	1560.9	1558.6	1556.3	1554.0	1556.3
175°	1563.0	1565.0	1567.1	1569.2	1570.2	1569.0	1566.7	1564.4	1562.1	1559.8	1562.1
177.5°	1566.2	1568.0	1569.8	1571.6	1572.5	1571.5	1569.4	1567.3	1565.3	1563.2	1565.3
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1692.3	1682.9	1685.6	1682.9	1676.2	1672.1	1661.4	1648.0	1642.6	1635.9	1631.9
5°	1827.8	1821.1	1819.8	1809.0	1806.3	1790.2	1763.4	1750.0	1733.9	1717.8	1701.7
7.5°	1975.4	1967.4	1940.5	1936.5	1939.2	1919.1	1884.2	1857.3	1823.8	1801.0	1770.1
10°	2097.5	2081.4	2058.6	2060.0	2050.6	2023.7	1988.8	1960.7	1912.3	1882.8	1838.5
12.5°	2171.4	2157.9	2155.3	2141.8	2133.8	2098.9	2057.3	2021.1	1984.8	1944.6	1911.0
15°	2261.3	2243.8	2231.7	2213.0	2207.6	2171.4	2125.7	2084.1	2042.5	2004.9	1933.8
17.5°	2360.6	2341.8	2296.2	2292.1	2259.9	2225.0	2180.7	2119.0	2074.7	2021.1	1968.7
20°	2473.3	2446.5	2387.4	2372.7	2347.2	2289.5	2229.1	2160.6	2089.5	2034.5	1972.7
22.5°	2599.5	2552.5	2509.5	2462.6	2443.8	2372.7	2289.5	2206.2	2120.4	2045.2	1971.4
25°	2763.2	2701.4	2641.1	2594.1	2561.9	2469.3	2357.9	2247.8	2148.5	2050.6	1954.0
27.5°	2892.0	2838.3	2772.6	2710.8	2669.2	2559.2	2431.7	2289.5	2166.0	2046.5	1943.2
30°	2901.4	2885.3	2845.0	2811.5	2765.9	2647.8	2506.9	2345.8	2192.8	2047.9	1921.7
32.5°	2725.6	2757.8	2775.3	2780.6	2771.2	2702.8	2574.0	2396.8	2217.0	2035.8	1903.0
35°	2347.2	2433.0	2539.1	2579.3	2618.2	2654.5	2587.4	2433.0	2225.0	2033.1	1873.4
37.5°	1932.5	2010.3	2186.1	2266.6	2312.3	2455.9	2510.9	2427.7	2241.1	2035.8	1845.2
40°	1559.4	1682.9	1809.0	1917.7	1988.8	2149.9	2320.3	2339.1	2218.3	2010.3	1809.0
42.5°	1312.5	1384.9	1480.2	1580.9	1643.9	1834.5	2065.3	2200.9	2147.2	1968.7	1764.7
45°	1117.9	1171.6	1261.5	1295.0	1375.5	1558.1	1802.3	1998.2	2025.1	1903.0	1713.7
47.5°	959.5	1005.2	1062.9	1104.5	1168.9	1305.8	1512.4	1728.5	1857.3	1813.0	1642.6
50°	845.5	883.0	931.3	955.5	997.1	1120.6	1276.2	1491.0	1664.1	1678.8	1550.0
52.5°	750.2	771.6	809.2	836.1	869.6	944.8	1085.7	1262.8	1457.4	1537.9	1435.9
55°	667.0	684.4	718.0	735.4	752.9	817.3	927.3	1088.4	1270.9	1376.9	1319.2
57.5°	591.8	606.6	634.8	650.9	660.3	722.0	806.5	932.7	1096.4	1225.2	1193.0
60°	530.1	543.5	559.6	571.7	582.4	633.4	692.5	794.5	940.7	1065.5	1057.5
62.5°	464.3	476.4	493.9	505.9	515.3	547.5	597.2	675.0	799.8	915.2	938.1
65°	406.6	416.0	428.1	433.5	445.5	469.7	510.0	579.7	681.7	785.1	801.2
67.5°	354.3	357.0	365.0	377.1	379.8	401.3	437.5	489.8	569.0	653.6	679.1
70°	297.9	301.9	308.7	318.1	323.4	336.8	367.7	402.6	471.0	544.9	563.6
72.5°	248.3	253.6	256.3	261.7	264.4	285.8	299.3	334.2	381.1	442.9	463.0
75°	201.3	206.7	208.0	210.7	213.4	222.8	241.6	263.0	301.9	342.2	369.0
77.5°	159.7	158.4	161.0	165.1	163.7	171.8	183.9	202.6	228.1	261.7	279.1
80°	112.7	112.7	116.8	120.8	119.4	127.5	131.5	144.9	166.4	187.9	194.6
82.5°	75.2	75.2	79.2	79.2	81.9	83.2	88.6	95.3	112.7	123.5	127.5
85°	42.9	42.9	44.3	44.3	44.3	47.0	51.0	53.7	59.0	65.8	68.4
87.5°	17.4	18.8	18.8	18.8	18.8	21.5	21.5	24.2	25.5	28.2	28.2
90°	26.3	25.6	24.8	24.4	23.8	22.5	21.2	19.9	18.6	16.8	15.0
92.5°	25.1	24.8	24.5	24.4	23.8	22.5	21.2	19.9	18.6	17.0	15.5
95°	24.4	24.4	24.4	24.4	23.8	22.5	21.2	19.9	18.6	28.4	38.2
97.5°	23.9	23.6	23.3	23.2	22.9	22.4	21.9	21.4	20.9	45.4	69.9
100°	26.4	27.5	28.5	29.0	48.2	86.7	125.2	163.6	202.1	201.1	200.0
102.5°	219.9	241.6	263.3	274.1	273.8	273.3	272.8	272.3	271.8	271.3	270.7
105°	345.4	345.7	346.0	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	421.3	422.4	423.4	423.9	423.8	423.5	423.3	423.0	422.8	422.3	421.7
110°	496.6	496.3	496.0	495.9	496.3	497.1	497.8	498.6	499.4	498.9	498.4

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	567.8	568.3	568.8	569.1	569.6	570.6	571.7	572.7	573.7	573.5	573.2
115°	639.5	641.1	642.6	643.4	643.9	645.0	646.0	647.1	648.1	647.8	647.6
117.5°	713.0	713.5	714.0	714.3	715.1	716.6	718.1	719.7	721.2	720.2	719.2
120°	783.1	784.4	785.7	786.3	786.6	787.1	787.6	788.1	788.6	787.8	787.0
122.5°	848.6	850.2	851.7	852.5	852.8	853.3	853.8	854.3	854.8	854.5	854.3
125°	913.3	914.0	914.8	915.2	915.7	916.7	917.8	918.8	919.8	919.8	919.8
127.5°	970.4	972.5	974.6	975.6	975.9	976.4	976.9	977.4	977.9	978.2	978.4
130°	1029.3	1030.6	1031.9	1032.5	1032.9	1033.7	1034.4	1035.2	1036.0	1035.7	1035.5
132.5°	1085.0	1086.3	1087.6	1088.2	1088.2	1088.2	1088.2	1088.2	1088.2	1089.0	1089.8
135°	1135.5	1137.0	1138.5	1139.3	1139.6	1140.1	1140.6	1141.2	1141.7	1142.2	1142.7
137.5°	1187.2	1188.5	1189.8	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.9	1191.5
140°	1233.0	1234.6	1236.1	1236.9	1236.6	1236.1	1235.6	1235.1	1234.6	1234.8	1235.1
142.5°	1276.0	1277.6	1279.1	1279.9	1279.9	1279.9	1279.9	1279.9	1279.9	1279.4	1278.8
145°	1317.8	1319.4	1320.9	1321.7	1321.6	1321.3	1321.0	1320.8	1320.5	1320.5	1320.5
147.5°	1353.2	1355.0	1356.8	1357.7	1357.6	1357.3	1357.0	1356.8	1356.5	1356.3	1356.0
150°	1387.3	1389.4	1391.5	1392.5	1392.2	1391.7	1391.2	1390.7	1390.2	1389.7	1389.2
152.5°	1418.2	1420.0	1421.8	1422.7	1422.4	1421.9	1421.4	1420.9	1420.4	1419.9	1419.4
155°	1445.4	1447.5	1449.6	1450.6	1450.2	1449.4	1448.7	1447.9	1447.1	1446.6	1446.1
157.5°	1468.6	1470.7	1472.8	1473.8	1473.4	1472.6	1471.9	1471.1	1470.3	1470.3	1470.3
160°	1490.7	1492.8	1494.9	1495.9	1495.4	1494.3	1493.3	1492.2	1491.2	1491.0	1490.7
162.5°	1511.0	1513.3	1515.6	1516.8	1516.0	1514.5	1512.9	1511.4	1509.8	1509.6	1509.3
165°	1527.9	1530.0	1532.1	1533.1	1532.3	1530.8	1529.2	1527.7	1526.1	1525.8	1525.6
167.5°	1541.2	1543.5	1545.8	1547.0	1546.1	1544.3	1542.5	1540.7	1538.9	1538.6	1538.4
170°	1551.6	1553.9	1556.2	1557.4	1556.4	1554.3	1552.3	1550.2	1548.2	1547.9	1547.7
172.5°	1558.6	1560.9	1563.2	1564.4	1563.5	1561.7	1559.9	1558.1	1556.3	1555.8	1555.3
175°	1564.4	1566.7	1569.0	1570.2	1569.2	1567.1	1565.0	1563.0	1560.9	1560.7	1560.4
177.5°	1567.3	1569.4	1571.5	1572.5	1571.6	1569.8	1568.0	1566.2	1564.4	1564.1	1563.9
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026695

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1626.5	1619.8	1611.7	1611.7	1602.3	1598.3	1590.3	1587.6	1580.9	1570.1	1562.1
5°	1684.2	1666.8	1656.0	1646.6	1626.5	1611.7	1597.0	1580.9	1564.8	1546.0	1524.5
7.5°	1740.6	1708.4	1693.6	1677.5	1648.0	1617.1	1587.6	1566.1	1544.6	1515.1	1488.3
10°	1799.6	1759.4	1732.5	1711.0	1665.4	1626.5	1583.6	1552.7	1519.1	1481.6	1446.7
12.5°	1849.3	1796.9	1774.1	1733.9	1681.5	1634.6	1580.9	1533.9	1489.6	1445.3	1402.4
15°	1890.9	1841.2	1784.9	1768.8	1696.3	1629.2	1568.8	1508.4	1453.4	1409.1	1359.4
17.5°	1904.3	1841.2	1813.0	1774.1	1688.2	1618.5	1542.0	1476.2	1423.9	1358.1	1319.2
20°	1908.3	1847.9	1809.0	1772.8	1696.3	1603.7	1528.5	1448.0	1384.9	1319.2	1257.5
22.5°	1897.6	1826.5	1788.9	1754.0	1668.1	1588.9	1501.7	1413.1	1339.3	1278.9	1217.2
25°	1877.5	1794.3	1758.0	1720.4	1638.6	1551.4	1456.1	1371.5	1303.1	1230.6	1170.2
27.5°	1850.6	1755.3	1713.7	1674.8	1594.3	1512.4	1422.5	1335.3	1258.8	1182.3	1125.9
30°	1817.1	1707.0	1669.4	1618.5	1540.6	1462.8	1380.9	1293.7	1207.8	1135.3	1073.6
32.5°	1774.1	1658.7	1609.1	1560.7	1476.2	1405.1	1327.2	1245.4	1162.2	1091.0	1026.6
35°	1735.2	1603.7	1548.7	1500.4	1406.4	1331.3	1266.8	1190.4	1116.5	1042.7	985.0
37.5°	1682.9	1548.7	1482.9	1433.3	1338.0	1261.5	1201.1	1142.0	1064.2	993.1	939.4
40°	1627.8	1480.2	1418.5	1368.8	1269.5	1186.3	1128.6	1076.3	1013.2	947.5	891.1
42.5°	1578.2	1414.5	1348.7	1288.3	1187.7	1113.9	1054.8	1014.6	956.8	897.8	846.8
45°	1515.1	1344.7	1273.6	1210.5	1113.9	1033.3	977.0	944.8	901.8	844.1	799.8
47.5°	1450.7	1269.5	1195.7	1134.0	1029.3	958.2	903.2	872.3	842.8	797.1	752.9
50°	1366.2	1190.4	1123.3	1052.1	948.8	876.3	830.7	799.8	777.0	744.8	707.2
52.5°	1273.6	1108.5	1036.0	974.3	872.3	806.5	754.2	736.8	713.9	689.8	657.6
55°	1175.6	1019.9	950.1	889.7	795.8	728.7	685.8	667.0	649.5	630.7	609.3
57.5°	1077.6	927.3	861.6	807.9	720.7	656.2	621.3	595.8	583.8	573.0	555.6
60°	955.5	828.0	777.0	728.7	642.8	583.8	550.2	531.4	520.7	515.3	507.3
62.5°	848.1	743.5	687.1	640.1	571.7	519.4	487.1	472.4	463.0	460.3	450.9
65°	734.1	644.2	599.9	559.6	500.6	453.6	426.8	409.3	402.6	401.3	401.3
67.5°	626.7	554.2	510.0	481.8	430.8	389.2	363.7	357.0	352.9	347.6	346.2
70°	526.1	468.4	429.4	405.3	359.7	328.8	308.7	297.9	297.9	293.9	291.2
72.5°	437.5	379.8	354.3	334.2	296.6	269.7	255.0	252.3	242.9	241.6	241.6
75°	342.2	299.3	281.8	264.4	236.2	217.4	205.3	198.6	193.2	193.2	194.6
77.5°	257.7	228.1	212.0	198.6	178.5	166.4	157.0	154.3	149.0	149.0	149.0
80°	182.5	166.4	154.3	143.6	128.8	118.1	112.7	107.4	107.4	106.0	107.4
82.5°	118.1	104.7	98.0	96.6	83.2	79.2	72.5	73.8	69.8	68.4	71.1
85°	68.4	61.7	53.7	51.0	45.6	40.3	37.6	38.9	37.6	36.2	37.6
87.5°	26.8	22.8	21.5	21.5	17.4	16.1	14.8	16.1	13.4	13.4	14.8
90°	13.2	11.4	10.5	9.5	7.4	5.3	3.3	1.2	3.3	5.3	7.4
92.5°	13.9	12.4	11.6	12.8	15.1	17.4	19.8	22.1	19.8	17.4	15.1
95°	48.0	57.8	62.7	63.1	63.9	64.6	65.4	66.2	65.4	64.6	63.9
97.5°	94.4	118.9	131.2	130.4	128.9	127.4	125.8	124.3	125.8	127.4	128.9
100°	199.0	197.9	197.4	197.0	196.3	195.5	194.8	194.0	194.8	195.5	196.3
102.5°	270.2	269.7	269.4	268.9	267.9	266.8	265.8	264.8	265.8	266.8	267.9
105°	346.1	346.1	346.1	345.6	344.6	343.5	342.5	341.5	342.5	343.5	344.6
107.5°	421.2	420.7	420.4	420.4	420.4	420.4	420.4	420.4	420.4	420.4	420.4
110°	497.9	497.4	497.1	497.1	497.1	497.1	497.1	497.1	497.1	497.1	497.1

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	573.0	572.7	572.6	572.2	571.4	570.7	569.9	569.1	569.9	570.7	571.4
115°	647.3	647.0	646.9	646.3	645.0	643.7	642.4	641.1	642.4	643.7	645.0
117.5°	718.1	717.1	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6
120°	786.3	785.5	785.1	785.2	785.5	785.8	786.0	786.3	786.0	785.8	785.5
122.5°	854.0	853.7	853.6	853.0	851.7	850.4	849.1	847.8	849.1	850.4	851.7
125°	919.8	919.8	919.8	918.9	917.1	915.3	913.5	911.7	913.5	915.3	917.1
127.5°	978.7	979.0	979.1	978.5	977.2	975.9	974.6	973.3	974.6	975.9	977.2
130°	1035.2	1034.9	1034.8	1034.2	1032.9	1031.6	1030.3	1029.0	1030.3	1031.6	1032.9
132.5°	1090.5	1091.3	1091.7	1090.9	1089.4	1087.9	1086.3	1084.8	1086.3	1087.9	1089.4
135°	1143.2	1143.7	1144.0	1143.2	1141.7	1140.1	1138.6	1137.0	1138.6	1140.1	1141.7
137.5°	1192.0	1192.5	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4	1188.9	1190.5
140°	1235.3	1235.6	1235.7	1235.4	1234.9	1234.4	1233.9	1233.4	1233.9	1234.4	1234.9
142.5°	1278.3	1277.8	1277.5	1277.4	1277.1	1276.9	1276.6	1276.4	1276.6	1276.9	1277.1
145°	1320.5	1320.5	1320.5	1320.2	1319.7	1319.2	1318.7	1318.2	1318.7	1319.2	1319.7
147.5°	1355.8	1355.5	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4
150°	1388.7	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2	1389.7	1389.2	1388.7
152.5°	1418.9	1418.4	1418.1	1418.7	1420.0	1421.3	1422.6	1423.9	1422.6	1421.3	1420.0
155°	1445.6	1445.1	1444.8	1445.6	1447.1	1448.7	1450.2	1451.8	1450.2	1448.7	1447.1
157.5°	1470.3	1470.3	1470.3	1470.7	1471.5	1472.2	1473.0	1473.8	1473.0	1472.2	1471.5
160°	1490.5	1490.2	1490.1	1490.9	1492.4	1493.9	1495.5	1497.0	1495.5	1493.9	1492.4
162.5°	1509.1	1508.8	1508.7	1509.5	1511.0	1512.5	1514.1	1515.6	1514.1	1512.5	1511.0
165°	1525.3	1525.0	1524.9	1525.7	1527.2	1528.8	1530.3	1531.9	1530.3	1528.8	1527.2
167.5°	1538.1	1537.8	1537.7	1538.5	1540.0	1541.6	1543.1	1544.7	1543.1	1541.6	1540.0
170°	1547.4	1547.1	1547.0	1547.9	1549.7	1551.5	1553.3	1555.1	1553.3	1551.5	1549.7
172.5°	1554.8	1554.3	1554.0	1554.9	1556.7	1558.5	1560.3	1562.1	1560.3	1558.5	1556.7
175°	1560.2	1559.9	1559.8	1560.6	1562.1	1563.6	1565.2	1566.7	1565.2	1563.6	1562.1
177.5°	1563.6	1563.3	1563.2	1564.0	1565.5	1567.1	1568.6	1570.2	1568.6	1567.1	1565.5
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1559.4	1556.7	1550.0	1546.0	1532.6	1516.5	1511.1	1497.7	1503.0	1493.6	1493.6
5°	1517.8	1505.7	1497.7	1485.6	1460.1	1442.6	1423.9	1414.5	1409.1	1402.4	1397.0
7.5°	1464.1	1454.7	1446.7	1423.9	1395.7	1371.5	1348.7	1339.3	1321.9	1309.8	1304.4
10°	1417.2	1403.7	1384.9	1358.1	1328.6	1297.7	1277.6	1257.5	1244.0	1237.3	1222.6
12.5°	1368.8	1352.7	1332.6	1293.7	1261.5	1242.7	1206.5	1187.7	1181.0	1175.6	1158.1
15°	1319.2	1301.7	1277.6	1241.3	1213.2	1168.9	1147.4	1132.6	1116.5	1115.2	1101.8
17.5°	1274.9	1253.4	1233.3	1189.0	1154.1	1115.2	1103.1	1087.0	1072.3	1056.2	1049.4
20°	1218.5	1198.4	1183.6	1135.3	1096.4	1072.3	1052.1	1038.7	1029.3	1013.2	1010.5
22.5°	1167.5	1146.1	1125.9	1089.7	1056.2	1025.3	1001.1	986.4	982.3	975.6	963.6
25°	1117.9	1096.4	1072.3	1038.7	1003.8	982.3	960.9	951.5	943.4	932.7	923.3
27.5°	1076.3	1056.2	1033.3	991.7	962.2	946.1	923.3	912.6	901.8	896.5	892.4
30°	1026.6	1003.8	986.4	954.2	922.0	900.5	884.4	875.0	865.6	860.2	857.5
32.5°	978.3	956.8	944.8	909.9	884.4	858.9	846.8	840.1	834.7	829.4	824.0
35°	939.4	917.9	899.1	866.9	841.4	824.0	814.6	803.9	799.8	794.5	794.5
37.5°	891.1	875.0	856.2	825.3	802.5	789.1	781.0	767.6	766.3	763.6	759.6
40°	849.5	833.4	815.9	789.1	769.0	752.9	742.1	735.4	731.4	728.7	726.0
42.5°	805.2	787.8	779.7	748.8	731.4	715.3	709.9	703.2	701.9	696.5	689.8
45°	762.3	747.5	731.4	708.6	693.8	680.4	672.3	667.0	660.3	658.9	654.9
47.5°	724.7	707.2	692.5	671.0	654.9	644.2	637.4	630.7	625.4	621.3	617.3
50°	676.4	662.9	650.9	628.1	614.6	603.9	594.5	589.1	583.8	583.8	583.8
52.5°	629.4	617.3	606.6	590.5	574.4	565.0	554.2	550.2	547.5	543.5	547.5
55°	583.8	571.7	561.0	548.9	530.1	522.0	511.3	507.3	508.6	508.6	512.6
57.5°	535.5	526.1	519.4	504.6	487.1	479.1	472.4	468.4	468.4	473.7	475.1
60°	488.5	479.1	467.0	453.6	442.9	433.5	429.4	430.8	430.8	433.5	440.2
62.5°	436.1	430.8	424.1	405.3	398.6	391.9	386.5	390.5	389.2	395.9	405.3
65°	387.8	382.5	373.1	363.7	355.6	348.9	347.6	348.9	351.6	358.3	369.0
67.5°	334.2	334.2	326.1	318.1	311.3	304.6	306.0	307.3	310.0	318.1	334.2
70°	289.9	284.5	276.5	271.1	265.7	263.0	260.3	265.7	273.8	279.1	291.2
72.5°	241.6	237.5	230.8	225.5	224.1	221.4	220.1	222.8	230.8	240.2	253.6
75°	190.6	191.9	187.9	183.9	183.9	179.8	182.5	182.5	190.6	200.0	210.7
77.5°	147.6	146.3	144.9	142.3	140.9	140.9	140.9	143.6	151.6	157.0	167.7
80°	104.7	106.0	102.0	103.3	102.0	103.3	103.3	108.7	112.7	119.4	127.5
82.5°	69.8	69.8	67.1	68.4	68.4	68.4	69.8	72.5	77.8	83.2	88.6
85°	38.9	40.3	37.6	40.3	40.3	40.3	41.6	42.9	47.0	48.3	53.7
87.5°	14.8	17.4	17.4	14.8	16.1	17.4	18.8	17.4	20.1	22.8	24.2
90°	9.5	10.5	11.4	13.2	15.0	16.8	18.6	19.9	21.2	22.5	23.8
92.5°	12.8	11.6	12.4	13.9	15.5	17.0	18.6	19.9	21.2	22.5	23.8
95°	63.1	62.7	57.8	48.0	38.2	28.4	18.6	19.9	21.2	22.5	23.8
97.5°	130.4	131.2	118.9	94.4	69.9	45.4	20.9	21.4	21.9	22.4	22.9
100°	197.0	197.4	197.9	199.0	200.0	201.1	202.1	163.6	125.2	86.7	48.2
102.5°	268.9	269.4	269.7	270.2	270.7	271.3	271.8	272.3	272.8	273.3	273.8
105°	345.6	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	420.4	420.4	420.7	421.2	421.7	422.3	422.8	423.0	423.3	423.5	423.8
110°	497.1	497.1	497.4	497.9	498.4	498.9	499.4	498.6	497.8	497.1	496.3

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	572.2	572.6	572.7	573.0	573.2	573.5	573.7	572.7	571.7	570.6	569.6
115°	646.3	646.9	647.0	647.3	647.6	647.8	648.1	647.1	646.0	645.0	643.9
117.5°	716.6	716.6	717.1	718.1	719.2	720.2	721.2	719.7	718.1	716.6	715.1
120°	785.2	785.1	785.5	786.3	787.0	787.8	788.6	788.1	787.6	787.1	786.6
122.5°	853.0	853.6	853.7	854.0	854.3	854.5	854.8	854.3	853.8	853.3	852.8
125°	918.9	919.8	919.8	919.8	919.8	919.8	919.8	918.8	917.8	916.7	915.7
127.5°	978.5	979.1	979.0	978.7	978.4	978.2	977.9	977.4	976.9	976.4	975.9
130°	1034.2	1034.8	1034.9	1035.2	1035.5	1035.7	1036.0	1035.2	1034.4	1033.7	1032.9
132.5°	1090.9	1091.7	1091.3	1090.5	1089.8	1089.0	1088.2	1088.2	1088.2	1088.2	1088.2
135°	1143.2	1144.0	1143.7	1143.2	1142.7	1142.2	1141.7	1141.2	1140.6	1140.1	1139.6
137.5°	1192.0	1192.8	1192.5	1192.0	1191.5	1190.9	1190.4	1190.4	1190.4	1190.4	1190.4
140°	1235.4	1235.7	1235.6	1235.3	1235.1	1234.8	1234.6	1235.1	1235.6	1236.1	1236.6
142.5°	1277.4	1277.5	1277.8	1278.3	1278.8	1279.4	1279.9	1279.9	1279.9	1279.9	1279.9
145°	1320.2	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.8	1321.0	1321.3	1321.6
147.5°	1355.4	1355.4	1355.5	1355.8	1356.0	1356.3	1356.5	1356.8	1357.0	1357.3	1357.6
150°	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2	1390.7	1391.2	1391.7	1392.2
152.5°	1418.7	1418.1	1418.4	1418.9	1419.4	1419.9	1420.4	1420.9	1421.4	1421.9	1422.4
155°	1445.6	1444.8	1445.1	1445.6	1446.1	1446.6	1447.1	1447.9	1448.7	1449.4	1450.2
157.5°	1470.7	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1471.1	1471.9	1472.6	1473.4
160°	1490.9	1490.1	1490.2	1490.5	1490.7	1491.0	1491.2	1492.2	1493.3	1494.3	1495.4
162.5°	1509.5	1508.7	1508.8	1509.1	1509.3	1509.6	1509.8	1511.4	1512.9	1514.5	1516.0
165°	1525.7	1524.9	1525.0	1525.3	1525.6	1525.8	1526.1	1527.7	1529.2	1530.8	1532.3
167.5°	1538.5	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9	1540.7	1542.5	1544.3	1546.1
170°	1547.9	1547.0	1547.1	1547.4	1547.7	1547.9	1548.2	1550.2	1552.3	1554.3	1556.4
172.5°	1554.9	1554.0	1554.3	1554.8	1555.3	1555.8	1556.3	1558.1	1559.9	1561.7	1563.5
175°	1560.6	1559.8	1559.9	1560.2	1560.4	1560.7	1560.9	1563.0	1565.0	1567.1	1569.2
177.5°	1564.0	1563.2	1563.3	1563.6	1563.9	1564.1	1564.4	1566.2	1568.0	1569.8	1571.6
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026695

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1499.0	1489.6	1488.3	1491.0	1485.6	1493.6	1491.0	1493.6	1486.9	1493.6	1489.6
5°	1395.7	1393.0	1387.6	1380.9	1382.3	1383.6	1390.3	1383.6	1389.0	1390.3	1397.0
7.5°	1299.1	1293.7	1297.7	1295.0	1283.0	1280.3	1283.0	1287.0	1295.0	1300.4	1304.4
10°	1221.2	1218.5	1213.2	1209.1	1202.4	1198.4	1203.8	1198.4	1209.1	1218.5	1218.5
12.5°	1162.2	1151.4	1144.7	1143.4	1128.6	1131.3	1136.7	1140.7	1152.8	1158.1	1158.1
15°	1100.4	1092.4	1089.7	1084.3	1079.0	1084.3	1081.7	1085.7	1091.0	1096.4	1099.1
17.5°	1046.8	1045.4	1046.8	1033.3	1037.4	1030.7	1032.0	1038.7	1034.7	1038.7	1046.8
20°	998.4	1001.1	997.1	991.7	991.7	983.7	993.1	990.4	991.7	999.8	1011.9
22.5°	962.2	960.9	956.8	952.8	947.5	948.8	950.1	947.5	958.2	964.9	966.2
25°	923.3	920.6	919.3	915.2	909.9	915.2	913.9	915.2	917.9	928.7	920.6
27.5°	887.1	881.7	884.4	880.4	879.0	880.4	880.4	881.7	884.4	885.7	887.1
30°	856.2	850.8	849.5	846.8	845.5	846.8	849.5	846.8	857.5	856.2	856.2
32.5°	822.6	818.6	815.9	815.9	814.6	813.3	814.6	815.9	824.0	818.6	824.0
35°	790.4	787.8	787.8	785.1	783.7	783.7	783.7	789.1	786.4	790.4	790.4
37.5°	759.6	759.6	758.2	755.5	754.2	755.5	754.2	756.9	755.5	756.9	758.2
40°	727.4	724.7	723.3	723.3	719.3	715.3	719.3	719.3	720.7	724.7	726.0
42.5°	688.4	689.8	689.8	684.4	684.4	684.4	685.8	687.1	687.1	689.8	689.8
45°	654.9	652.2	652.2	652.2	649.5	650.9	653.6	653.6	653.6	653.6	650.9
47.5°	617.3	617.3	618.7	618.7	622.7	621.3	621.3	620.0	617.3	617.3	618.7
50°	582.4	586.5	587.8	587.8	589.1	590.5	590.5	587.8	586.5	582.4	582.4
52.5°	548.9	551.6	554.2	558.3	561.0	559.6	559.6	556.9	551.6	550.2	548.9
55°	512.6	516.7	522.0	526.1	530.1	531.4	531.4	526.1	520.7	514.0	514.0
57.5°	479.1	483.1	492.5	496.5	501.9	501.9	499.2	495.2	487.1	481.8	477.8
60°	445.5	452.3	459.0	467.0	473.7	475.1	471.0	465.7	456.3	449.6	444.2
62.5°	409.3	416.0	429.4	437.5	442.9	442.9	442.9	436.1	424.1	414.7	406.6
65°	374.4	381.1	393.2	403.9	408.0	412.0	408.0	401.3	391.9	381.1	373.1
67.5°	338.2	346.2	358.3	366.4	371.7	375.8	373.1	367.7	355.6	340.9	335.5
70°	297.9	301.9	319.4	327.4	335.5	338.2	335.5	327.4	315.4	299.3	293.9
72.5°	260.3	264.4	280.5	287.2	293.9	296.6	292.6	287.2	276.5	261.7	255.0
75°	217.4	224.1	232.2	242.9	251.0	253.6	249.6	245.6	232.2	222.8	217.4
77.5°	171.8	178.5	189.2	198.6	206.7	205.3	200.0	201.3	186.5	175.8	171.8
80°	130.2	135.5	143.6	151.6	155.7	155.7	154.3	149.0	143.6	135.5	128.8
82.5°	89.9	96.6	103.3	108.7	108.7	110.0	107.4	106.0	100.6	93.9	92.6
85°	53.7	55.0	60.4	60.4	65.8	63.1	61.7	65.8	60.4	56.4	55.0
87.5°	24.2	22.8	24.2	24.2	22.8	25.5	25.5	24.2	25.5	24.2	24.2
90°	24.4	24.8	25.6	26.3	27.1	27.9	27.1	26.3	25.6	24.8	24.4
92.5°	24.4	24.5	24.8	25.1	25.3	25.6	25.3	25.1	24.8	24.5	24.4
95°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
97.5°	23.2	23.3	23.6	23.9	24.1	24.4	24.1	23.9	23.6	23.3	23.2
100°	29.0	28.5	27.5	26.4	25.4	24.4	25.4	26.4	27.5	28.5	29.0
102.5°	274.1	263.3	241.6	219.9	198.2	176.5	198.2	219.9	241.6	263.3	274.1
105°	346.1	346.0	345.7	345.4	345.2	344.9	345.2	345.4	345.7	346.0	346.1
107.5°	423.9	423.4	422.4	421.3	420.3	419.3	420.3	421.3	422.4	423.4	423.9
110°	495.9	496.0	496.3	496.6	496.8	497.1	496.8	496.6	496.3	496.0	495.9

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	569.1	568.8	568.3	567.8	567.3	566.8	567.3	567.8	568.3	568.8	569.1
115°	643.4	642.6	641.1	639.5	638.0	636.4	638.0	639.5	641.1	642.6	643.4
117.5°	714.3	714.0	713.5	713.0	712.4	711.9	712.4	713.0	713.5	714.0	714.3
120°	786.3	785.7	784.4	783.1	781.8	780.5	781.8	783.1	784.4	785.7	786.3
122.5°	852.5	851.7	850.2	848.6	847.1	845.5	847.1	848.6	850.2	851.7	852.5
125°	915.2	914.8	914.0	913.3	912.5	911.7	912.5	913.3	914.0	914.8	915.2
127.5°	975.6	974.6	972.5	970.4	968.4	966.3	968.4	970.4	972.5	974.6	975.6
130°	1032.5	1031.9	1030.6	1029.3	1028.0	1026.7	1028.0	1029.3	1030.6	1031.9	1032.5
132.5°	1088.2	1087.6	1086.3	1085.0	1083.7	1082.4	1083.7	1085.0	1086.3	1087.6	1088.2
135°	1139.3	1138.5	1137.0	1135.5	1133.9	1132.4	1133.9	1135.5	1137.0	1138.5	1139.3
137.5°	1190.4	1189.8	1188.5	1187.2	1185.9	1184.6	1185.9	1187.2	1188.5	1189.8	1190.4
140°	1236.9	1236.1	1234.6	1233.0	1231.5	1229.9	1231.5	1233.0	1234.6	1236.1	1236.9
142.5°	1279.9	1279.1	1277.6	1276.0	1274.5	1272.9	1274.5	1276.0	1277.6	1279.1	1279.9
145°	1321.7	1320.9	1319.4	1317.8	1316.3	1314.7	1316.3	1317.8	1319.4	1320.9	1321.7
147.5°	1357.7	1356.8	1355.0	1353.2	1351.4	1349.6	1351.4	1353.2	1355.0	1356.8	1357.7
150°	1392.5	1391.5	1389.4	1387.3	1385.3	1383.2	1385.3	1387.3	1389.4	1391.5	1392.5
152.5°	1422.7	1421.8	1420.0	1418.2	1416.4	1414.6	1416.4	1418.2	1420.0	1421.8	1422.7
155°	1450.6	1449.6	1447.5	1445.4	1443.4	1441.3	1443.4	1445.4	1447.5	1449.6	1450.6
157.5°	1473.8	1472.8	1470.7	1468.6	1466.6	1464.5	1466.6	1468.6	1470.7	1472.8	1473.8
160°	1495.9	1494.9	1492.8	1490.7	1488.7	1486.6	1488.7	1490.7	1492.8	1494.9	1495.9
162.5°	1516.8	1515.6	1513.3	1511.0	1508.6	1506.3	1508.6	1511.0	1513.3	1515.6	1516.8
165°	1533.1	1532.1	1530.0	1527.9	1525.9	1523.8	1525.9	1527.9	1530.0	1532.1	1533.1
167.5°	1547.0	1545.8	1543.5	1541.2	1538.8	1536.5	1538.8	1541.2	1543.5	1545.8	1547.0
170°	1557.4	1556.2	1553.9	1551.6	1549.3	1547.0	1549.3	1551.6	1553.9	1556.2	1557.4
172.5°	1564.4	1563.2	1560.9	1558.6	1556.3	1554.0	1556.3	1558.6	1560.9	1563.2	1564.4
175°	1570.2	1569.0	1566.7	1564.4	1562.1	1559.8	1562.1	1564.4	1566.7	1569.0	1570.2
177.5°	1572.5	1571.5	1569.4	1567.3	1565.3	1563.2	1565.3	1567.3	1569.4	1571.5	1572.5
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1501.7	1493.6	1503.0	1491.0	1493.6	1508.4	1507.1	1520.5	1528.5	1527.2	1533.9
5°	1402.4	1402.4	1406.4	1405.1	1418.5	1430.6	1446.7	1460.1	1474.9	1482.9	1492.3
7.5°	1304.4	1317.8	1320.5	1327.2	1343.3	1363.5	1379.6	1399.7	1421.2	1435.9	1446.7
10°	1223.9	1234.6	1245.4	1250.7	1268.2	1295.0	1317.8	1350.1	1376.9	1393.0	1407.8
12.5°	1152.8	1164.9	1170.2	1194.4	1206.5	1223.9	1256.1	1291.0	1320.5	1338.0	1350.1
15°	1101.8	1108.5	1120.6	1135.3	1147.4	1168.9	1195.7	1234.6	1262.8	1277.6	1319.2
17.5°	1058.8	1066.9	1073.6	1080.3	1099.1	1121.9	1147.4	1181.0	1217.2	1242.7	1264.2
20°	1014.6	1018.6	1026.6	1037.4	1050.8	1072.3	1095.1	1130.0	1162.2	1182.3	1210.5
22.5°	962.2	974.3	982.3	990.4	1005.2	1029.3	1050.8	1076.3	1116.5	1139.4	1168.9
25°	931.3	936.7	942.1	951.5	962.2	983.7	1007.8	1034.7	1066.9	1091.0	1116.5
27.5°	891.1	899.1	905.8	917.9	924.6	942.1	964.9	991.7	1030.7	1050.8	1072.3
30°	857.5	865.6	871.0	876.3	885.7	904.5	926.0	947.5	983.7	1009.2	1030.7
32.5°	824.0	832.0	838.7	842.8	852.2	864.2	881.7	908.5	939.4	956.8	985.0
35°	794.5	794.5	802.5	807.9	815.9	826.7	842.8	862.9	895.1	917.9	943.4
37.5°	760.9	762.3	769.0	773.0	781.0	791.8	807.9	826.7	853.5	871.0	896.5
40°	726.0	730.0	732.7	739.4	748.8	752.9	769.0	790.4	817.3	833.4	854.9
42.5°	691.1	693.8	700.5	705.9	713.9	720.7	731.4	751.5	771.6	795.8	813.3
45°	652.2	658.9	662.9	672.3	676.4	683.1	693.8	709.9	734.1	748.8	769.0
47.5°	618.7	621.3	624.0	636.1	644.2	648.2	658.9	668.3	693.8	707.2	726.0
50°	582.4	582.4	586.5	591.8	601.2	609.3	618.7	629.4	649.5	662.9	681.7
52.5°	548.9	544.9	547.5	550.2	559.6	567.7	577.1	591.8	610.6	618.7	634.8
55°	512.6	505.9	510.0	514.0	516.7	527.4	538.1	547.5	562.3	574.4	589.1
57.5°	473.7	472.4	469.7	471.0	477.8	484.5	492.5	504.6	522.0	531.4	539.5
60°	438.8	430.8	428.1	430.8	434.8	438.8	449.6	460.3	475.1	484.5	493.9
62.5°	402.6	394.5	389.2	385.2	389.2	398.6	405.3	413.3	425.4	436.1	444.2
65°	367.7	355.6	350.3	347.6	346.2	352.9	358.3	369.0	379.8	383.8	393.2
67.5°	328.8	318.1	311.3	307.3	307.3	307.3	312.7	323.4	334.2	335.5	344.9
70°	289.9	277.8	271.1	265.7	263.0	265.7	272.4	273.8	283.2	285.8	291.2
72.5°	248.3	237.5	229.5	222.8	224.1	226.8	226.8	229.5	234.8	241.6	241.6
75°	209.4	194.6	190.6	185.2	182.5	182.5	182.5	187.9	191.9	197.3	195.9
77.5°	165.1	157.0	149.0	146.3	142.3	140.9	143.6	143.6	146.3	150.3	151.6
80°	127.5	118.1	112.7	110.0	104.7	103.3	104.7	104.7	108.7	107.4	108.7
82.5°	88.6	81.9	77.8	73.8	71.1	72.5	71.1	71.1	72.5	71.1	71.1
85°	51.0	49.7	47.0	45.6	44.3	41.6	44.3	42.9	41.6	40.3	42.9
87.5°	24.2	22.8	22.8	20.1	20.1	18.8	20.1	20.1	18.8	18.8	18.8
90°	23.8	22.5	21.2	19.9	18.6	16.8	15.0	13.2	11.4	10.5	9.5
92.5°	23.8	22.5	21.2	19.9	18.6	17.0	15.5	13.9	12.4	11.6	12.8
95°	23.8	22.5	21.2	19.9	18.6	28.4	38.2	48.0	57.8	62.7	63.1
97.5°	22.9	22.4	21.9	21.4	20.9	45.4	69.9	94.4	118.9	131.2	130.4
100°	48.2	86.7	125.2	163.6	202.1	201.1	200.0	199.0	197.9	197.4	197.0
102.5°	273.8	273.3	272.8	272.3	271.8	271.3	270.7	270.2	269.7	269.4	268.9
105°	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	345.6
107.5°	423.8	423.5	423.3	423.0	422.8	422.3	421.7	421.2	420.7	420.4	420.4
110°	496.3	497.1	497.8	498.6	499.4	498.9	498.4	497.9	497.4	497.1	497.1

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	569.6	570.6	571.7	572.7	573.7	573.5	573.2	573.0	572.7	572.6	572.2
115°	643.9	645.0	646.0	647.1	648.1	647.8	647.6	647.3	647.0	646.9	646.3
117.5°	715.1	716.6	718.1	719.7	721.2	720.2	719.2	718.1	717.1	716.6	716.6
120°	786.6	787.1	787.6	788.1	788.6	787.8	787.0	786.3	785.5	785.1	785.2
122.5°	852.8	853.3	853.8	854.3	854.8	854.5	854.3	854.0	853.7	853.6	853.0
125°	915.7	916.7	917.8	918.8	919.8	919.8	919.8	919.8	919.8	919.8	918.9
127.5°	975.9	976.4	976.9	977.4	977.9	978.2	978.4	978.7	979.0	979.1	978.5
130°	1032.9	1033.7	1034.4	1035.2	1036.0	1035.7	1035.5	1035.2	1034.9	1034.8	1034.2
132.5°	1088.2	1088.2	1088.2	1088.2	1088.2	1089.0	1089.8	1090.5	1091.3	1091.7	1090.9
135°	1139.6	1140.1	1140.6	1141.2	1141.7	1142.2	1142.7	1143.2	1143.7	1144.0	1143.2
137.5°	1190.4	1190.4	1190.4	1190.4	1190.4	1190.9	1191.5	1192.0	1192.5	1192.8	1192.0
140°	1236.6	1236.1	1235.6	1235.1	1234.6	1234.8	1235.1	1235.3	1235.6	1235.7	1235.4
142.5°	1279.9	1279.9	1279.9	1279.9	1279.9	1279.4	1278.8	1278.3	1277.8	1277.5	1277.4
145°	1321.6	1321.3	1321.0	1320.8	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.2
147.5°	1357.6	1357.3	1357.0	1356.8	1356.5	1356.3	1356.0	1355.8	1355.5	1355.4	1355.4
150°	1392.2	1391.7	1391.2	1390.7	1390.2	1389.7	1389.2	1388.7	1388.2	1387.9	1388.2
152.5°	1422.4	1421.9	1421.4	1420.9	1420.4	1419.9	1419.4	1418.9	1418.4	1418.1	1418.7
155°	1450.2	1449.4	1448.7	1447.9	1447.1	1446.6	1446.1	1445.6	1445.1	1444.8	1445.6
157.5°	1473.4	1472.6	1471.9	1471.1	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.7
160°	1495.4	1494.3	1493.3	1492.2	1491.2	1491.0	1490.7	1490.5	1490.2	1490.1	1490.9
162.5°	1516.0	1514.5	1512.9	1511.4	1509.8	1509.6	1509.3	1509.1	1508.8	1508.7	1509.5
165°	1532.3	1530.8	1529.2	1527.7	1526.1	1525.8	1525.6	1525.3	1525.0	1524.9	1525.7
167.5°	1546.1	1544.3	1542.5	1540.7	1538.9	1538.6	1538.4	1538.1	1537.8	1537.7	1538.5
170°	1556.4	1554.3	1552.3	1550.2	1548.2	1547.9	1547.7	1547.4	1547.1	1547.0	1547.9
172.5°	1563.5	1561.7	1559.9	1558.1	1556.3	1555.8	1555.3	1554.8	1554.3	1554.0	1554.9
175°	1569.2	1567.1	1565.0	1563.0	1560.9	1560.7	1560.4	1560.2	1559.9	1559.8	1560.6
177.5°	1571.6	1569.8	1568.0	1566.2	1564.4	1564.1	1563.9	1563.6	1563.3	1563.2	1564.0
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1580.9	1580.9	1580.9	1580.9
2.5°	1543.3	1556.7	1566.1	1583.6
5°	1508.4	1532.6	1555.4	1579.5
7.5°	1473.5	1501.7	1537.9	1568.8
10°	1434.6	1470.8	1513.8	1555.4
12.5°	1395.7	1438.6	1485.6	1540.6
15°	1348.7	1403.7	1458.8	1517.8
17.5°	1307.1	1363.5	1422.5	1496.3
20°	1260.1	1321.9	1386.3	1461.4
22.5°	1218.5	1287.0	1354.1	1433.3
25°	1171.6	1238.7	1312.5	1397.0
27.5°	1132.6	1194.4	1266.8	1358.1
30°	1085.7	1152.8	1225.2	1316.5
32.5°	1041.4	1105.8	1182.3	1272.2
35°	995.8	1061.5	1130.0	1215.9
37.5°	952.8	1009.2	1077.6	1159.5
40°	904.5	966.2	1028.0	1092.4
42.5°	860.2	916.6	974.3	1025.3
45°	810.6	858.9	913.9	955.5
47.5°	764.9	807.9	850.8	883.0
50°	719.3	752.9	785.1	813.3
52.5°	665.6	703.2	720.7	738.1
55°	617.3	638.8	654.9	672.3
57.5°	570.3	579.7	587.8	603.9
60°	508.6	519.4	528.7	540.8
62.5°	454.9	460.3	463.0	475.1
65°	403.9	402.6	409.3	416.0
67.5°	348.9	347.6	354.3	357.0
70°	295.2	293.9	295.2	301.9
72.5°	244.2	244.2	245.6	248.3
75°	197.3	197.3	198.6	201.3
77.5°	149.0	151.6	150.3	155.7
80°	108.7	106.0	108.7	111.4
82.5°	71.1	73.8	73.8	71.1
85°	40.3	40.3	40.3	40.3
87.5°	17.4	17.4	18.8	20.1
90°	7.4	5.3	3.3	1.2
92.5°	15.1	17.4	19.8	22.1
95°	63.9	64.6	65.4	66.2
97.5°	128.9	127.4	125.8	124.3
100°	196.3	195.5	194.8	194.0
102.5°	267.9	266.8	265.8	264.8
105°	344.6	343.5	342.5	341.5
107.5°	420.4	420.4	420.4	420.4
110°	497.1	497.1	497.1	497.1

TEST NUMBER: P1026695

CATALOG NUMBER: S125DIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	571.4	570.7	569.9	569.1
115°	645.0	643.7	642.4	641.1
117.5°	716.6	716.6	716.6	716.6
120°	785.5	785.8	786.0	786.3
122.5°	851.7	850.4	849.1	847.8
125°	917.1	915.3	913.5	911.7
127.5°	977.2	975.9	974.6	973.3
130°	1032.9	1031.6	1030.3	1029.0
132.5°	1089.4	1087.9	1086.3	1084.8
135°	1141.7	1140.1	1138.6	1137.0
137.5°	1190.5	1188.9	1187.4	1185.8
140°	1234.9	1234.4	1233.9	1233.4
142.5°	1277.1	1276.9	1276.6	1276.4
145°	1319.7	1319.2	1318.7	1318.2
147.5°	1355.4	1355.4	1355.4	1355.4
150°	1388.7	1389.2	1389.7	1390.2
152.5°	1420.0	1421.3	1422.6	1423.9
155°	1447.1	1448.7	1450.2	1451.8
157.5°	1471.5	1472.2	1473.0	1473.8
160°	1492.4	1493.9	1495.5	1497.0
162.5°	1511.0	1512.5	1514.1	1515.6
165°	1527.2	1528.8	1530.3	1531.9
167.5°	1540.0	1541.6	1543.1	1544.7
170°	1549.7	1551.5	1553.3	1555.1
172.5°	1556.7	1558.5	1560.3	1562.1
175°	1562.1	1563.6	1565.2	1566.7
177.5°	1565.5	1567.1	1568.6	1570.2
180°	1566.7	1566.7	1566.7	1566.7

(END OF REPORT)